Form PTO-1449 (REV. 8-83)		EPARTMENT OF COMME T AND TRADEMARK OF		ATTY. DOCKET NO. 23438.00043 APPLICATION NO. 10/773,118					
		TION DISCLOSURE	,	APPLICANT		<u></u>			
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EXAMINER		DOCUMENT	DATE	NAME	CLASS	SUB- CLASS	DATE IF APPROPRIATE		
INITIAL	REF	NUMBER	DATE	NAME	CLASS	CLASS	APPROPRIATE		
/SK/		1,100,475	06-16-14	Franckaerts	1				
		1,331,997	02-24-1920	Neal	·				
		1,454,967	05-15-1923	Gill .					
	~	1,518,501	12-09-1924	Gill`					
		1,522,765	01-13-1925	Wilke					
		1,526,851	02-17-1925	Hall					
V		1,669,668	05-15-1928	Marshall					
/SK/		1,673,594	06-12-1928	Schmidt					
		FO	REIGN PAT	ENT DOCUMENTS					
						SUID	TRANSLATION		
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	YES NO		
/SK/		0665378A1	02-08-95	EP			Yes Abstract		
		1,185,314	03-25-1970	UK					
		1,800,446	12-11-1969	DE			Yes Abstract		
V		GB 2,217,784 A	03-20-1989	UK					
/SK/	,	392,268	09-1965	Switzerland			Yes Abstract		
		OTHER DOCUMENT	S (Including)	Author, Title, Date, Pe	ertinent Page	s, Etc.)			
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	SK/		1,717,969	06-18-1929	Goodner				
			1,896,201	02-07-1933	Sterner-Rainer				
			2,038,221	04-21-1936	Kagi				
			209,219	10-22-1878	Bookwalter				
			2,280,979	04-28-1942	2 Rocke				
			2,290,961	07-28-1942	P. Heuer				
			2,488,447	11-15-1949	Tangen et al				
_	/SK/		251,104	12-20-1881	Finch .				
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		REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	YES	NO
1/8	SKV		416,401	06-1974	Soviet Union				es tract
	,	•	58-048796	03-1983	. Japan			Y	es tract
			63-104773	5-1998	Japan			Y	es tract
「「			683,469	03-31-1964	Canada				
15	SK/		773,312	10-1980	Soviet Union				es
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	(Use sever	al sheets if necessary)		FILING DATE February 4, 2004		GROUP 3746			
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	DAT APPROF		
/SK/		2,515,478	07-18-1950	Tooley et al.	1				
		2,528,210	10-31-1950	Stewart					
. /		2,566,892	09-04-1951						
		2,677,609	05-04-1954						
·		2,698,583	01-04-1955	•					
		2,787,873	04-09-1957	•					
V _{ISKI}		2,808,782	10-08-1957	Thompson et al.					
7010		2,821,472	01-28-1958	Peterson et al.					
		FO	REIGN PAT	ENT DOCUMENTS		,			
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	REF	NUMBER.	DATE	COUNTRY	CLASS	CLASS	YES	NO	
/SK/		90,756	01-1958	Norway	1	1	Ye Ahst		
/SK/		942,648	11-27-1963						
/SK/		WO 98/25031	06-11-1998	wo					
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	(OTHER DOCUMENT	ΓS (Including	Author, Title, Date, Pe	rtinent Page	s, Etc.)			
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SK		2,832,292	04-29-1958	B Edwards						
		2,865,618	12-23-1958	3 Abell						
		2,901,677	08-25-1959	Chessman et al.						
		2,948,524	08-09-1960	Sweeney et al.						
		2,978,885	04-11-1961	Davison						
		2,984,524	05-16-1961	Franzen						
		2,987,885	06-13-1961	Hodge						
sk		3,010,402	11-28-1961	King						
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			U. S. PATEN	T DOCUMENTS				
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SK		3,048,384	08-07-1962	Sweeney et al.		1		
1		3,070,393	12-25-1962	Silverberg et al.				
		3,092,030	06-04-1963	Wunder				
		3,227,547	01-04-1966	Szekely				
		3,244,109	04-05-1966	Barske			-	
. 1	<u> </u>	3,251,676	05-17-1966	Johnson				
		3,255,702	06-14-1966	Gehrm				
SK		3,272,619	09-13-1966	Sweeney et al.				
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SK		3,289,473	12-06-1966	Louda .				
		. 3,291,473	12-13-1966	Sweeney et al.				
		3,400,923	09-10-1968	Howie et al.				
		3,417,929	12-24-1968	Secrest et al.			4	
		3,459,133	08-05-1969	Scheffler				
		3,459,346	08-05-1969	Tinnes	1			
	1	3,487,805	01-06-1970	Satterthwaite	11			
SIC		3,512,762	05-19-1970	Umbricht				• • • • • • • • • • • • • • • • • • • •
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	INER IIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS		E IF PRIATE
5	K		3,512,788	05-19-1970	Kilbane				
			3,575,525	04-20-1971	Fox et al.				
			3,618,917	11-09-1971	Fredrikson				
			364,804	06-14-1887	Cole		1.		
			3,650,730	03-21-1972	Derham et al.				
			3,689,048	09-05-1972	Foulard, et al.	11.	 		
			3,715,112	02-06-1973	Carbonnel	111	11		•
3	*		3,743,500	07-03-1973	Foulard et al.				
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SK		3,743,263	07-03-1973	Szekely	1	1		
1		3,753,690	08-21-1973	Emley et al.				
	·	3,759,635	09-18-1973	Carter et al.				-
		3,767,382	10-23-1973	Bruno et al.				
		3,776,660	12-04-1973	Anderson et al.				
		3,785,632	01-15-1974	Kraemer, et al.				
	<u> </u>	3,814,400	06-04-1974	Seki	1 1 -			
SK		3,824,042	07-16-1974	Barnes et al.				
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Form P' (REV. 8	TO-1449 3-83)		PARTMENT OF COMM FAND TRADEMARK OF		ATTY. DOCKET NO 23438.00043).		3	PLICA 773,11	TION NO),·
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5	K		3,836,280	09-17-1974							
	1		3,839,019	10-01-1974	Bruno et al.				_		
			3,871,872	03-18-1975	Downing et al.						
			3,873,305	03-25-1975	Claxton et al.						
			3,886,992	06-03-1975	Maas et al.		1.				
			3,915,694	10-28-1975	Ando .						
		·	3,954,134	05-04-1976	Maas et al.	1					
s	14		3,961,778	06-08-1976	Carbonnel et al.	1	1	П			
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Form PTO- (REV. 8-83			PARTMENT OF COMME CAND TRADEMARK OFF		ATTY. DOCKET NO. 23438.00043 APPLICATION NO. 10/773.118).
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514			3,966,456	06-29-1976	Ellenbaum et al.			1		!	
1			3,972,709	08-03-1976	Chin et al.						
			3,984,234	10-05-1976	Claxton et al.			,			
			3,985,000	10-12-1976	Hartz						
			3,997,336	12-14-1976	van Linden et al.	1					
			4,003,560	01-18-1977	Carbonnel						
1			4,018,598	04-19-1977	Markus	—				•	
510			4,052,199	10-04-1977	Mangalick						
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SI	c		4,055,390	10-25-1977	Young			l	
1			4,068,965	01-17-1978	Lichti				
			4,091,970	05-30-1978					
			4,119,141	10-10-1978	Thut et al.	T - T -			
			4,126,360	11-21-1978					
			4,128,415	12-05-1978	van Linden et al.				
			4,144,562	03-13-1979	Cooper				
SK			4,169,584	10-02-1979	Mangalick				
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Sic		4,192,011	03-04-1980	Cooper et al.]		
		4,213,091	07-15-1980	Cooper				
		4,213,176	07-15-1980	Cooper				
		4,219,882	08-26-1980	Cooper et al.				
		4,244,423	01-13-1981	Thut et al.				
		4,286,985	09-01-1981	van Linden et al.	1-1-			
		4,322,245	03-30-1982	Claxton				·
5X		4,347,041	08-31-1982	Cooper		1		
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5	Ķ		4,351,514	09-28-1982							
			4,360,314	11-23-1982	Pennell						
			4,370,096	01-25-1983	Church						
			4,372,541	02-08-1983	Bocourt et al.						
-	1		4,375,937	03-08-1983	Cooper	1 1					
			4,392,888	07-12-1983	Eckert et al.					•	•
	4,410,299 10-18-19		10-18-1983	Shimoyama	11						
5	ic.		4,456,424	06-26-1984	Araoka	1				_	
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SK	<u>. </u>		4,456,974	06-26-1984		1-1-	_		
			4,470,846	09-11-1984	Dube				
			4,489,475	12-25-1984	Struttmann				
		,	4,504,392	03-12-1985	Groteke				
			4,537,624	08-27-1985	Tenhover et al.				
			4,537,625	08-27-1985	Tenhover et al.				
	4,556,419 12-03-19		12-03-1985	Otsuka et al.					
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sK		4,586,845	05-06-1986	Morris	1					
	71	4,593,597	06-10-1986	Albrecht et al.						
		4,598,899	07-08-1986	Cooper		0				
		4,600,222	07-15-1986	Appling						
		4,609,442	09-02-1986	Tenhover et al.						
	4,611,790 09-16-19			Otsuka et al.		-				
	4,634,105 01-06-19		01-06-1987	Withers et al.						
sk		4,640,666	02-03-1987	Sodergard						
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SK		4,651,806	03-24-1987	Allen et al.	1	١				
		4,696,703	09-29-1987	Henderson et al.						
		4,701,226	10-20-1987	Henderson et al.		1				
		4,714,371	12-22-1987	Cuse						
		4,717,540	01-05-1988	McRae et al.						
	4,743,428 05-10-198			McRae et al.						
		4,747,583	05-31-1988	Gordon et al.						
SK		4,770,701	09-13-1988	Henderson et al.						
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SV		4,786,230	11-22-1988			1	74110		
) V	+	4,802,656	02-07-1989	Hudault et al.	+	 . -			
	+	4,804,168	02-14-1989	Otsuka et al.	+-+-				
		4,810,314	03-07-1989	Henderson et al.	+	+	<u> </u>		
·	 	4,834,573	05-30-1989	Asano et al.	+	+			
 		4,842,227	06-27-1989	Harrington et al.	++	+ + -			
	4,844,425 07-04-19			Piras et al.		+ -	<u></u>		
56	1	4,851,296	07-25-1989	Tenhover et al.	+ + -	 -			
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SX		4,859,413	08-22-1989	Harris et al.					
		4,867,638	09-19-1989	Handtmann et al.					
		4,884,786	12-05-1989	Gillespie					
		4,898,367	02-06-1990	Cooper					
		4,923,770	05-08-1990	Grasselli et al.					
	. <u></u>	4,930,986	06-05-1990	Cooper	1.				
		4,931,091	06-05-1990	Waite et al.					
SV		4,940,214	07-10-1990	Gillespie					
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SK		4,940,384	07-10-1990	Amra et al.	1				
	<u> </u>	4,954,167	09-04-1990	Cooper					
		4,973,433	11-27-1990	Gilbert et al.					
		4,989,736	02-05-1991	Andersson et al.					
		5,006,232	04-09-1991	Lidgitt et al.		-			
	5,028,211 07-02-19			Mordue et al.					
	5,049,841 09-17-199								
SV		506,572	10-10-1893	Wagener					
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		5,092,821	03-03-1992		+			
		5,098,134	03-24-1992	Monckton	+			
		5,099,554	03-31-1992	Cooper	1 1			
		5,131,632	07-21-1992	Olson				
		5,143,357	09-01-1992	Gilbert et al.	1 1	-		
SV		5,145,322	09-08-1992	Senior, Jr. et al.	1.1			
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54			5,152,631	10-06-1992	Bauer	1	1		
1			5,158,440	10-27-1992	Cooper et al.				
			5,162,858	11-10-1992	Shoji et al.				
			5,165,858	11-24-1992	Gilbert et al.				
<u> </u>			5,172,458	12-22-1992	Cooper				
			5,177,304	01-05-1993	Nagel				
	5,191,154 03-02-19				Nagel				
51	E		5,192,193	03-09-1993	Cooper et al.				·
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A		5,202,100	04-13-1993	Nagel et al.		1		I		
	,	5,203,681	04-20-1993	Cooper						
		5,209,641	05-11-1993	Hoglund et al.						
		5,215,448	06-01-1993	Cooper						
		5,268,020	12-07-1993	Claxton						
		02-15-1994	Amra et al.							
	5,298,233 03-29-199		03-29-1994	Nagel						
4		5,301,620	04-12-1994	Nagel et al.						
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A		,.	5,308,045	05-03-1994	Cooper	1			}		
			5,310,412	05-10-1994	Gilbert et al.						
			5,318,360	06-07-1994	Langer et al.						
			5,322,547	06-21-1994	Nagel et al.						
			5,324,341	06-28-1994	Nagel et al.						
			5,330,328	07-19-1994	Cooper						
			5,354,940 10-11-1		Nagel						
			5,358,549	10-25-1994	Nagel et al.						
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0		,	5,358,697	10-25-1994	1 Nagel	1					
			5,364,078	11-15-1994							
			5,369,063	11-29-1994	Gee et al.				<u> </u>		
			5,383,651	01-24-199:	Blasen et al.						
	i		5,388,633	02-14-199:							
	5,395,405 03-07-199				Nagel et al.						
			5,399,074	03-21-199:							
8			5,407,294	04-18-199:	5 Giannini						
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a		5,425,410	06-20-1995	<u> </u>					
		5,431,551	07-11-1995	Aquino et al.	1				
		5,435,982	07-25-1995	Wilkinson					
		5,436,210	07-25-1995	Wilkinson et al.					
		5,443,572	08-22-1995	Wilkinson et al.					
		5,454,423	10-03-1995	Tsuchida et al.					
		5,468,280	11-21-1995	Areaux					
6		5,470,201	11-28-1995	Gilbert et al.			l		
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6	ŕ		5,484,265	01-16-1996	Horvath et al.	1,		-	
	-	•	5,489,734	02-06-1996	Nagel et al.	11			
			5,491,279	02-13-1996	Robert et al.				
			5,495,746	03-05-1996	Sigworth	1 1			
			5,505,143	04-09-1996	Nagel			-	
			5,509,791	04-23-1996	Turner	11	1.		
			5,537,940	07-23-1996	Nagel et al.	1-1			
6			5,543,558	08-06-1996	Nagel et al.	++	1		
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A		5,555,822	09-17-1996	Loewen et al.	1	· 1		
		5,558,501	09-24-1996	Wang et al.				
	,	5,558,505	08-24-1996	Mordue et al.				
		5,571,486	11-05-1996	Robert et al.				
		5,585,532	12-17-1996	Nagel				
		5,586,863	12-24-1996	Gilbert et al.				
		5,597,289	01-28-1997	Thut				
		5,613,245	03-18-1997	Robert				
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			5,629,464	05-13-1997	Bach et al.				11
			5,634,770	06-03-1997	Gilbert et al.				
			5,640,706	06-17-1997	Nagel et al.				
			5,640,707	06-17-1997	Nagel et al.				
			5,640,709	06-17-1997	Nagel et al.				
		-	5,655,849	08-12-1997	McEwan et al.				
6	2		5,662,725	09-02-1997	Cooper				
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			5,678,244	10-14-1997	Shaw et al.					
			5,678,807	10-21-1997	Cooper					
			5,679,132	10-21-1997	Rauenzahn et al.		-			
			5,685,701	11-11-1997	Chandler et al.	1				
			5,690,888	11-25-1997	Robert	+ + -		 		
 			5,695,732	09-09-1997	Sparks et al.	+-1				
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			5,718,416	02-17-1998	Flisakowski et al.						
			5,735,668	04-07-1998	Klien						
			5,735,935	04-07-1998	Areaux						
			5,741,422	04-21-1998	Eichenmiller et al.						
			5,744,117	04-28-1998	Wilkinson et al.						
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0			5,755,847	05-26-1998	Quayle						
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4		5,866,095	02-02-1999	McGeever et al.					
		5,866,095	02-02-1999	Stephenson et al.			-		
		5,935,528	08-10-1999	Stephenson et al.	 				
		5,944,496	08-31-1999	Cooper			3		
		5,947,705	09-07-1999	Mordue et al.					
		5,949,369	09-07-1999	Bradley et al.					
2	-	5,951,243	09-14-1999	Cooper					
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a		5,993,726	11-30-1999	Huang .	1_1_				
		5,993,728	11-30-1999	Vild					
		5,995,041	11-30-1999	Bradley et al.	1 1			h	
		6,024,286	02-15-2000	Bradley et al.					
		6,027,685	02-22-2000	Cooper	1				
		6,036,745	03-14-2000	Gilbert et al.					
		6,074,455	06-13-2000	van Linden et al.					
4		6,093,000	07-25-2000	Cooper	1				
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A		6,096,109	08-01-2000	Nagel et al.					
		6,019,576	02-01-2000	Thut					
		6,113,154	09-05-2000	Thut					
		6,123,523	09-26-2000	Cooper					
		6,152,691	11-28-2000	Thut					
		6,187,096	02-13-2001	Thut					
		6,217,823	04-17-2001	Vild et al.					
6		6,231,639	05-15-2001	Eichenmiller et al.			1		
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a		6,243,366	06-05-2001	Bradley et al.	1				
		6,250,881	06-26-2001						
	1	6,254,340	07-03-2001	Vild et al.					
		6,270,717	08-07-2001	Tremblay et al.					
		6,280,157	08-28-2001	Cooper					
		6,298,759	09-25-2001	Thut					
		6,303,074	10-16-2001	Cooper					
6		6,345,964	02-12-2002	2 Cooper		,			
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4		6,358,467	03-19-2002	Mordue	$\top_{\!$			
		6,398,525	06-04-2002	Cooper				
		6,439,860	08-27-2002	Greer				
		6,451,247	09-17-2002	Mordue et al.				
		6,457,950	10-01-2002	Cooper et al.				
		6,464,458	10-15-2002	Vild et al.				
		6,495,948	12-17-2002	Garrett, III				
la		6,497,559	12-24-2002	Grant				
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			6,551,060	04-22-2003	Mordue et al.						
			6,648,026	11-18-2003	Look et al.						
			6,679,936	01-20-2004	Quackenbush						
			6,689,310	02-10-2004	Cooper						
			6,695,510	02-24-2004	Look et al.						
4	2		6,709,234	03-23-2004	Gilbert et al.						
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4		6,716,147								
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		6,805,834	10-19-2004	Thut						
		6,843,640	01-18-2005	Mordue et al.						
		6,848,497	02-01-2005	Sale et al.						
		6,869,271	05-24-2005	Uchida et al.						
		6,869,564	03-22-2005	Gilbert et al.						
Ga		6,881,030	04-19-2005	Thut		•				
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一			6,887,425	05-03-2005	Mordue et al.		-				
			898,499	09-15-1908	B O'Donnell	1					
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		20030059302	03-27-2003	Mordue et al.						
	20030075844 04		04-24-2003	Mordue et al.						
		20030151176	08-14-2003	Ohno et al.						
		20030185679	10-02-2003	Mordue et al.						
		20040007284	01-15-2004	Look et al.	1.					
		20040022632	02-05-2004	Thut	 -					
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Form PTO-1449 (REV. 8-83)		PARTMENT OF COMMI T AND TRADEMARK OF	ATTY. DOCKET NO 23438.00043	APPLICATION NO 10/773,118						
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				SUPPORT POST SYSTEM FOR MOLTEN METAL PUMP						
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		20040084172	05-06-2004	Vincent et al.						
		20040115079	06-17-2004	Cooper						
		20040199435	10-07-2004	Abrams et al.						
		20040123970	07-01-2004	Neff						
		20040215204	10-28-2004	Davison et al.						
		20040262825	12-30-2004	Cooper		-				
SC		20050013713	01-20-2005	Cooper						
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	<u> </u>	20050053499	03-10-2005	Cooper						
		20050077730	04-14-2005	Thut						
		20050081607	04-21-2005	Patel et al.						
SK		20050116398	06-02-2005	Tremblay						
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